

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L2 | 32 | 370/217-225.ccls. and (parallel same ((redundant backup secondary alternat\$3) with path)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:17 |
| L3 | 423 | 370/217.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:18 |
| L4 | 256 | 370/218.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:18 |
| L5 | 187 | 370/221.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:18 |
| L6 | 335 | 370/225.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:19 |
| L7 | 2 | LAHTI-HARRI-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:20 |
| L8 | 0 | TORVINEN-MARKO-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:20 |
| L9 | 0 | (parallel same path same data same transmission same cophas\$5 same clock)".clm" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:21 |
| L10 | 1 | (parallel same path same data same transmission same error same frame same (rf radio wireless) same clock)".clm" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:22 |

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|-----|-----|---|---|----|-----|------------------|
| S1 | 5 | polynome with (model\$4 algorithm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/07 15:21 |
| S4 | 4 | hitless same switch\$3 same buffer same clock | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 09:42 |
| S5 | 392 | 370/217.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:17 |
| S7 | 123 | 370/217.ccls. and (redundant backup secondary alternat\$3) with path | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 14:50 |
| S8 | 9 | 370/217.ccls. and (parallel same ((redundant backup secondary alternat\$3) with path)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 09:47 |
| S9 | 29 | 370/217-225.ccls. and (parallel same ((redundant backup secondary alternat\$3) with path)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:17 |
| S10 | 8 | 370/252.ccls. and (parallel same ((redundant backup secondary alternat\$3) with path)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 10:16 |
| S12 | 19 | ("5631898").URPN. | USPAT | OR | OFF | 2005/04/12 10:19 |
| S14 | 1 | ("5631896").PN. | USPAT | OR | OFF | 2005/04/12 14:32 |
| S15 | 15 | ("5631896").URPN. | USPAT | OR | OFF | 2005/04/12 10:29 |
| S16 | 31 | parallel same ((redundant backup secondary alternat\$3) with path) same clock same phase | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:01 |
| S17 | 18 | ((working primary) with path) same ((redundant protection secondary alternat\$3) with path) same clock same phase | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:04 |

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| S18 | 43 | ((working primary) with path) same ((redundant protection secondary alternat\$3) with path) same clock same data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:05 |
| S19 | 689 | (parallel with data with path) same (working primary redundant protection secondary alternat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:07 |
| S20 | 116 | (parallel with data with path) same (working protection) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:12 |
| S21 | 95 | hitless same path same switching | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:10 |
| S23 | 2 | hitless same path same parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:11 |
| S25 | 225 | (parallel with path) same transmi\$6 same (working protection) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:13 |
| S26 | 31 | (parallel with path) same (data with transmi\$6) same (working protection) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:13 |
| S27 | 207 | (parallel with path) same (data with transmi\$6) same (working primary redundant protection secondary alternat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:14 |
| S28 | 214 | (parallel with (route path)) same (data with transmi\$6) same (working primary redundant protection secondary alternat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:27 |
| S29 | 162 | ((parallel dual) with (route path)) same (data with transmi\$6) and ((working primary redundant protection secondary alternat\$3) adj (path route)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:41 |

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| S31 | 2 | ((parallel dual) with (route path)) same (data with transmi\$6) and (indoor with (unit or device)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 07:20 |
| S32 | 281 | ((parallel dual) with (route path)) and (indoor with (unit or device)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:44 |
| S34 | 110 | ((parallel dual) with (route path)) and (indoor with (unit or device)) and data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 14:03 |
| S35 | 59 | ((parallel dual) with (route path)) and (indoor with (unit or device)) same data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 14:00 |
| S36 | 61 | ((parallel dual) with (route path)) and (indoor with (unit or device)) same (data packet) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:59 |
| S37 | 212 | CRC same polyno\$5 same Error with correction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:53 |
| S38 | 212 | CRC same polynom\$5 same Error with correction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:55 |
| S39 | 30 | CRC same polynom\$5 same multipl\$7 same (Error with correction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:55 |
| S40 | 59 | ((parallel dual) with (route path)) and (outdoor with (unit or device)) same (data packet) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 13:59 |
| S41 | 48 | ((parallel dual) with (route path)) and ((indoor and outdoor) with (unit or device)) same data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 14:00 |

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| S42 | 9 | ((parallel dual) with (route path)) and (indoor adj (unit device)) and data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/12 14:03 |
| S43 | 2586 | (phase with lock\$3) same (clock with (select\$4 switch\$4)) | USPAT | OR | ON | 2005/04/12 14:33 |
| S44 | 186 | (phase with lock\$3) same (clock with (select\$4 switch\$4)) same buffer | USPAT | OR | ON | 2005/04/12 14:34 |
| S45 | 247 | wireless with backhaul | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 10:20 |
| S46 | 2 | redundant with antenna with selection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 10:20 |
| S47 | 7 | redundant with antenna same selection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 12:38 |
| S48 | 34 | redundant same antenna same selection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 10:25 |
| S49 | 2 | "6654616".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 10:25 |
| S51 | 7288 | clock with source with (multiplex\$3 switch\$3 select\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 13:59 |
| S52 | 90 | S51 same (data with path) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 14:00 |
| S53 | 4048 | clock with source with (select\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 14:03 |

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| S54 | 71 | S53 same (data with path) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 14:00 |
| S55 | 1 | S53 same (data with path) same (phase with lock) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 14:01 |
| S56 | 13 | S53 same (data with path) same (phase) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 14:03 |
| S57 | 9850 | clock with source with (select\$3 multiplex\$3 switch\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 14:03 |
| S58 | 88 | S57 same (path) same (phase) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/13 15:44 |
| S59 | 2 | "5561661".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/14 15:02 |
| S60 | 7 | modem same ODU same (Error with correction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/14 12:34 |
| S61 | 2 | "5631896".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/14 12:44 |
| S62 | 2 | "6611942".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/14 12:44 |
| S64 | 31 | (elastic adj buffer) same (clock with (selection change lock)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/14 13:41 |

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| S65 | 3 | (elastic adj buffer) same (clocks with (selection change lock)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/14 13:42 |
| S66 | 6 | (elastic adj buffer) same (clocks with (selection change lock mux multiplex\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/14 13:43 |
| S67 | 46 | (elastic adj buffer) same (clock with (mux multiplex\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/14 13:43 |
| S68 | 2 | "6678259".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 13:49 |
| S69 | 2 | "5507035".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 13:49 |
| S70 | 22 | 455/8.ccls. and (redundant backup secondary alternat\$3) with path | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 14:50 |
| S71 | 3 | 455/134.ccls. and (redundant backup secondary alternat\$3) with path | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 14:52 |
| S72 | 17 | 370/334.ccls. and (redundant backup secondary alternat\$3) with path | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/17 14:52 |
| S73 | 6 | ("4083009" "4704734" "5818832" "5822324" "5884181" "6141557").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/02 14:53 |